

Lorenzo Covarelli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4582689/publications.pdf>

Version: 2024-02-01

32
papers

1,396
citations

566801

15
h-index

433756

31
g-index

33
all docs

33
docs citations

33
times ranked

1973
citing authors

#	ARTICLE	IF	CITATIONS
1	E&scsp>ffector</scsp>P: predicting fungal effector proteins from secretomes using machine learning. <i>New Phytologist</i> , 2016, 210, 743-761.	3.5	438
2	Comparative Pathogenomics Reveals Horizontally Acquired Novel Virulence Genes in Fungi Infecting Cereal Hosts. <i>PLoS Pathogens</i> , 2012, 8, e1002952.	2.1	176
3	<i>Fusarium</i> species, chemotype characterisation and trichothecene contamination of durum and soft wheat in an area of central Italy. <i>Journal of the Science of Food and Agriculture</i> , 2015, 95, 540-551.	1.7	122
4	Simultaneous analysis of twenty-six mycotoxins in durum wheat grain from Italy. <i>Food Control</i> , 2016, 62, 322-329.	2.8	88
5	Characterization of <i>Fusarium verticillioides</i> strains isolated from maize in Italy: Fumonisin production, pathogenicity and genetic variability. <i>Food Microbiology</i> , 2012, 31, 17-24.	2.1	57
6	Identification of the Biosynthetic Gene Clusters for the Lipopeptides Fusaristatin A and W493 B in <i>Fusarium graminearum</i> and <i>F. pseudograminearum</i>. <i>Journal of Natural Products</i> , 2014, 77, 2619-2625.	1.5	55
7	Presence of <i>Fusarium</i> Species and Other Toxigenic Fungi in Malting Barley and Multi-Mycotoxin Analysis by Liquid Chromatography—High-Resolution Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 4390-4399.	2.4	54
8	The <i>Fusarium</i> crown rot pathogen <i>Fusarium pseudograminearum</i> triggers a suite of transcriptional and metabolic changes in bread wheat (<i>Triticum aestivum</i>L.). <i>Annals of Botany</i> , 2017, 119, mcw207.	1.4	52
9	Infection by mycotoxigenic fungal species and mycotoxin contamination of maize grain in Umbria, central Italy. <i>Food and Chemical Toxicology</i> , 2011, 49, 2365-2369.	1.8	48
10	The cereal pathogen <i>Fusarium pseudograminearum</i> produces a new class of active cytokinins during infection. <i>Molecular Plant Pathology</i> , 2018, 19, 1140-1154.	2.0	37
11	Changes in the <i>Fusarium</i> Head Blight Complex of Malting Barley in a Three-Year Field Experiment in Italy. <i>Toxins</i> , 2017, 9, 120.	1.5	35
12	Effect of wheat infection timing on <i>Fusarium</i> head blight causal agents and secondary metabolites in grain. <i>International Journal of Food Microbiology</i> , 2019, 290, 214-225.	2.1	35
13	Fungal community, <i>Fusarium</i> head blight complex and secondary metabolites associated with malting barley grains harvested in Umbria, central Italy. <i>International Journal of Food Microbiology</i> , 2018, 273, 33-42.	2.1	33
14	Fungicides may have differential efficacies towards the main causal agents of <i>Fusarium</i> head blight of wheat. <i>Pest Management Science</i> , 2020, 76, 3738-3748.	1.7	31
15	Cultivation Area Affects the Presence of Fungal Communities and Secondary Metabolites in Italian Durum Wheat Grains. <i>Toxins</i> , 2020, 12, 97.	1.5	19
16	Three-year investigations on leaf rust of poplar cultivated for biomass production in Umbria, Central Italy. <i>Biomass and Bioenergy</i> , 2013, 49, 315-322.	2.9	15
17	<i>Aspergillus</i> , <i>Penicillium</i> and <i>Cladosporium</i> species associated with dried date fruits collected in the Perugia (Umbria, Central Italy) market. <i>International Journal of Food Microbiology</i> , 2020, 322, 108585.	2.1	15
18	Genome Sequences of <i>Pseudomonas</i> spp. Isolated from Cereal Crops. <i>Genome Announcements</i> , 2013, 1, .	0.8	12

#	ARTICLE	IF	CITATIONS
19	Miscanthus rhizome rot: A potential threat for the establishment and the development of biomass cultivations. <i>Biomass and Bioenergy</i> , 2012, 46, 263-269.	2.9	10
20	Regulation of a novel Fusarium cytokinin in <i>Fusarium pseudograminearum</i> . <i>Fungal Biology</i> , 2019, 123, 255-266.	1.1	9
21	Enniatin B and Deoxynivalenol Activity on Bread Wheat and on <i>Fusarium</i> Species Development. <i>Toxins</i> , 2021, 13, 728.	1.5	9
22	Phytopathological Threats Associated with Quinoa (<i>Chenopodium quinoa</i> Willd.) Cultivation and Seed Production in an Area of Central Italy. <i>Plants</i> , 2021, 10, 1933.	1.6	8
23	Fusarium Virulence Assay on Wheat and Barley Seedlings. <i>Bio-protocol</i> , 2013, 3, .	0.2	8
24	In Vitro Evaluation of the Inhibitory Activity of Different Selenium Chemical Forms on the Growth of a <i>Fusarium proliferatum</i> Strain Isolated from Rice Seedlings. <i>Plants</i> , 2021, 10, 1725.	1.6	6
25	Management of <i>Pyrenophora teres</i> f. <i>teres</i> , the Causal Agent of Net Form Net Blotch of Barley, in A Two-Year Field Experiment in Central Italy. <i>Pathogens</i> , 2022, 11, 291.	1.2	6
26	Comparative studies about fungal colonization and deoxynivalenol translocation in barley plants inoculated at the base with <i>Fusarium graminearum</i> , <i>Fusarium culmorum</i> and <i>Fusarium pseudograminearum</i> . <i>Agricultural and Food Science</i> , 2018, 27, .	0.3	5
27	Identification of Putative Virulence Genes by DNA Methylation Studies in the Cereal Pathogen <i>Fusarium graminearum</i> . <i>Cells</i> , 2021, 10, 1192.	1.8	4
28	A Two-Year Field Experiment for the Integrated Management of Bread and Durum Wheat Fungal Diseases and of Deoxynivalenol Accumulation in the Grain in Central Italy. <i>Agronomy</i> , 2022, 12, 840.	1.3	3
29	In Vitro Fumonisin Biosynthesis and Genetic Structure of <i>Fusarium verticillioides</i> Strains from Five Mediterranean Countries. <i>Microorganisms</i> , 2020, 8, 241.	1.6	2
30	Infection timing affects <i>Fusarium poae</i> colonization of bread wheat spikes and mycotoxin accumulation in the grain. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 6358-6372.	1.7	2
31	Risks Related to the Presence of Fungal Species and Mycotoxins in Grapes, Wines and Other Derived Products in the Mediterranean Area. , 2015, , 563-575.		1
32	Detection of <i>Ramularia colloocygni</i> from barley in Australia using triplex quantitative and droplet digital PCR. <i>Pest Management Science</i> , 2022, 78, 1367-1376.	1.7	1